

## SAFETY DATA SHEET

### PROTECTO-GLASS 160XT BC COMPONENT A

#### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** PROTECTO-GLASS 160XT BC COMPONENT A

**PRODUCT CODE:** #PG160XTBCA

**PRODUCT USE:** Resin Component - 2 Part Epoxy Coating

**MANUFACTURER**

DUDICK, INC.

1818 MILLER PARKWAY

STREETSBORO, OH, 44241

330-562-1970

**24 HR. EMERGENCY TELEPHONE NUMBER**

**CHEM-TEL (US Transportation):** (800)255-3924

**CHEM-TEL (International Transportation) :** +01(813)248-0585

#### 2. HAZARDS IDENTIFICATION

**CLASSIFICATION:**

Skin Irritant - Category 2

Skin Sensitizer - Category 1

Germ cell mutagenicity - Category 2

Hazardous to the Aquatic Environment - Long Term - Category 2

**GHS LABEL ELEMENTS:**



**SIGNAL WORD:** Warning

**HAZARD STATEMENTS:**

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H341 Suspected of causing genetic defects .

H411 Toxic to aquatic life with long lasting effects.

**PRECAUTIONARY STATEMENTS :**

P261 Avoid breathing vapors/spray.

P264 Wash all contacted body parts thoroughly after handling.

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P337+P313 If eye irritation persists: Get medical advice/attention.

P362 Take off contaminated clothing and wash before reuse.

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P501 Dispose of contents/container in accordance with local, regional, and federal regulations.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Weight %	CAS Number
Epoxy phenol novolac resin	80% to 90%	28064-14-4
2,3-epoxypropyl o-tolyl ether	10% to 15%	2210-79-9

No data for available for this product.

### 4. FIRST AID MEASURES

**EYES:** Hold open eyelids and flush with copious amounts of water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists, get medical advice/attention.

**SKIN:** Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

**INGESTION:** Do not induce vomiting. Rinse mouth out and give plenty of water. Never give anything by mouth to an unconscious person. Consult physician.

**INHALATION:** If not breathing, give artificial respiration; if by mouth to mouth use rescuer protection (pocket mask etc.).

If breathing is difficult, oxygen should be administered by qualified personnel.

Move person to fresh air; if effects occur, consult a physician.

**NOTES TO PHYSICIAN:** No data for available for this product.

### 5. FIRE FIGHTING MEASURES

**SUITABLE EXTINGUISHING MEDIA:** Alcohol resistant foam; Carbon Dioxide (CO<sub>2</sub>); dry chemical; dry sand; use water to keep containers cool.

**UNSUITABLE EXTINGUISHING MEDIA:** No data for available for this product.

**SPECIFIC HAZARDS IN CASE OF FIRE:** Burning may produce noxious and toxic fumes. Incomplete combustion may form carbon monoxide.

Product is not considered a fire hazard, but will burn if ignited. Closed containers may rupture (due to build up in pressure) when exposed to extreme heat.

**SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTION FOR FIRE FIGHTERS:** Wear self-contained breathing apparatus (SCBA) in positive pressure mode and full protective clothing.

### 6. ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS:** Isolate area. Keep unnecessary and unprotected personnel from entering the area. Use appropriate safety equipment.

**ENVIRONMENTAL PRECAUTIONS:** Prevent from entering into soil, ditches, sewers, waterways and/or groundwater.

**METHOD AND MATERIALS FOR CONTAINMENT AND CLEANING UP:** Contain spilled material if possible. Absorb with materials such as: Sand. Polypropylene fiber products. Polyethylene fiber products. Remove residual with soap and hot water. Collect in suitable and properly labeled containers. Residual can be removed with solvent. Solvents are not recommended for clean-up unless the recommended exposure guidelines and safe handling practices for the specific solvent are followed. Consult appropriate solvent Safety Data Sheet for handling information and exposure guidelines.

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## 7. HANDLING AND STORAGE

### **PRECAUTIONS FOR SAFE HANDLING:** General Handling:

Avoid prolonged or repeated contact with skin. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling. Application of a direct flame to a container containing liquid epoxy resin can cause explosion and/or fire.

**CONDITIONS FOR SAFE STORAGE, INCLUDING INCOMPATIBILITIES:** Do not store near incompatibles (strong oxidizers, acids, alkalis). Do not store near excessive heat or near sources of ignition. Keep container tightly closed when not in use.

## 8. EXPOSURE CONTROLS\PERSONAL PROTECTION

### EXPOSURE LIMITS

Components	CAS	Limits
Epoxy phenol novolac resin	28064-14-4	None established
2,3-epoxypropyl o-tolyl ether	2210-79-9	None established.

### **ENGINEERING CONTROLS:** Ventilation:

Use local exhaust ventilation, or other engineering controls to maintain airborne levels requirements or guidelines, general ventilation should be sufficient for most operations.

### **PERSONAL PROTECTIVE EQUIPMENT**

**RESPIRATORY PROTECTION:** For most conditions, no respiratory protection should be needed; however, if material is heated or sprayed, use a NIOSH/MHSA approved respirator with organic vapor cartridge.

**EYES PROTECTION:** Use safety glasses (with side shields) as minimum protection. Goggles recommended for individuals mixing the resin and catalyst.

**SKIN PROTECTION:** Selection of specific items such as face shield, boots, apron, or full body suit will depend on the task.

Hand protection: Use chemical resistant gloves. Consult glove manufacturer for recommendations.

**WORK HYGIENIC PRACTICES:** Use good personal hygiene. Do not consume or store food in the work area. Wash hands before smoking or eating. Wash contaminated clothing before reuse.

**OTHER USE PRECAUTIONS:** No data for available for this product.

**COMMENTS:** No data for available for this product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Viscous liquid

**COLOR:** Varies

**FLASH POINT AND METHOD:** 124.00 C CC

**AUTO-IGNITION TEMPERATURE:** Not Determined.

**BOILING POINT/RANGE:** 248.0 C

**MELTING POINT:** Not Determined.

**VAPOUR PRESSURE:** Not determined.

**VAPOUR DENSITY:** Heavier than air.

**SOLUBILITY:** Not determined.

**ODOR/THRESHOLD:** Mild, characteristic.

**LOWER / UPPER FLAMMABLE LIMITS:** No data for available for this product.

**DENSITY:** 1.1485

**EVAPORATION RATE:** Slower than ether.

**PARTITION COEFFICIENT:** Not determined.

**pH:** Not Applicable.

**DECOMPOSITION TEMPERATURE:** Not determined.



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Not applicable.

**TRANSPORT HAZARD SUBCLASS:**

Not applicable.

**PACKING GROUP:** N/A

**MARINE POLLUTANT Y/N:**

DOT - No

IATA - Yes

IMDG - Yes

TDG - No

**SPECIAL PRE-CAUTIONS:** None

**15. REGULATORY INFORMATION**

**U.S. REGULATIONS:**

All components of this product are listed on or exempt from the TSCA Inventory.

**U.S. SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

**311/312 HAZARD CATEGORIES:**

**FIRE:** No

**PRESSURE GENERATING:** No

**REACTIVITY:** No

**ACUTE:** Yes

**CHRONIC:** Yes

**313 REPORTABLE INGREDIENTS:**

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**302/304 EMERGENCY PLANNING**

**EMERGENCY PLAN:** No reportable components

**STATE REGULATIONS:** No components are on the California Proposition 65 list.

**OTHER GOVT. REGULATIONS:** No data for available for this product.

**16. OTHER INFORMATION**

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